

Product: [0935 614 102](#) 



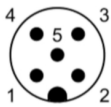
CANopen / DeviceNet, Cordset, double ended: M12 Standard, Male, Straight, 5 pole, to a, 7/8", Female, Straight, 5 pole, with cable type, Grey, PVC, DeviceNet-THIN

Product Description

CANopen / DeviceNet, Cordset, double ended: M12 Standard, Male, Straight, 5 pole, to a, 7/8", Female, Straight, 5 pole, with cable type, Grey, PVC, DeviceNet-THIN

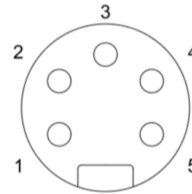
Technical Drawing

**Faceview
M12
Male**

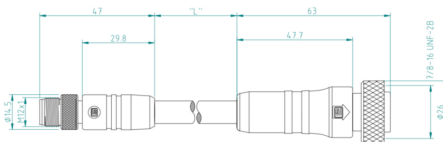


- 1 = Cu
- 2 = RD
- 3 = BK
- 4 = WH
- 5 = BU

**Faceview
MINI 7/8"
Female**



- 1 = Cu
- 2 = RD
- 3 = BK
- 4 = WH
- 5 = BU



Technical Specifications

Product Description

Product Family:	Data Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding Type:	Shielded
Voltage Rating:	250 V
Rated Impulse Voltage:	4.0 kV
Current Rating:	4 A
Data Transmission Type:	CANopen / DeviceNet

Technical Data Side 1

Side 1 Product Sub Family:	M12 Standard
Side 1 Type of Contact/Gender:	Male
Connector Design:	Straight
Attachment Type:	Coupling Screw with external threads
Number of Pins:	5
Coding, Side 1:	A
Mating Cycles:	max. 50
Cable Gland:	PG 11
Strain-Relief:	Cable clamp
Ambient Temperature (Operation)*:	- 40 °C - + 90 °C
Protection Degree / IP Rating**:	IP65, IP67
Clearance / Creepage Distance:	EN 60664-1 (2003/11); VDE 0110-1
Contact Base Material:	CuSn
Side 1 Contact Plating:	Cu/Au
Contact Bearer Material:	TPU
Contact Bearer Color:	Yellow
Molded Body Material:	TPU
Molded Body Color:	Grey
Housing Color:	grey
Attachment Material:	CuZn, Nickel-plated
Gasket Material:	SBR/NBR, cable gland
Fastening Torque (Cable Gland):	PG11: (250-375) Ncm
Fastening torque (mounting screw):	BZ 2,9x14: (40-50) Ncm
Accessories to Order Separately:	732-045-001, STASI 3, securing clip

Cable Data

Cable Number:	614
Conductor Size:	max. 1.5 mm ²
Number of Wires:	2 Pair + Drain
Minimal Bending Radius (Fixed Inst):	> 7 x D
Minimal Bending Radius (Flexible Inst):	> 10 x D
Cycles (Bending):	> 1 M
Conductor Material:	TC - Tinned Copper
Cable Jacket Material:	PVC
Cable Jacket Color:	Grey
Cable Diameter D:	Ø 7.11 mm
Wire Insulation Material:	PVC-Power, Data-PE
Insulated Wire Diameter:	Power Ø1.80 mm, Data Ø2.00 mm
Overall Shield (Cable):	Braid, TC, 65% Coverage
Ambient Temperature (Fixed Installation):	- 20 to + 60°C (60°C UL)
UL Cable Type:	UL AWM 20201, CSA AWM I/II A/B
Flammability Class (Cable Jacket):	FT4, IEC 60332-1-2
Cable Characteristics:	Mechanical Resistances, Abrasion, Impact, Weathering; Chemical Resistances to Oils, Acids, Alkalis

Technical Data Side 2

Side 2 Product Sub Family:	7/8"
Side 2 Type of Contact/Gender:	Female
Connector Design, Side 2:	Straight
Attachment Type, Side 2:	Coupling Nut with internal threads
Number of Pins, Side 2:	5
Coding, Side 2:	A
Ambient Temperature (Operation), Side 2*:	- 40 °C - + 90 °C
Protection Degree / IP Rating, Side 2**:	IP65, IP67
Contact Base Material, Side 2:	CuZn
Contact Plating, Side 2:	gold over silver plated
Contact Bearer Material, Side 2:	TPU
Contact Bearer Color, Side 2:	Yellow
Molded Body Material, Side 2:	TPU
Molded Body Color, Side 2:	Grey
Attachment Material, Side 2:	Al, anodized black
Note, Side 2:	Do not connect or disconnect under load.

Safety & Environmental Compliance

RoHS Compliant:	Yes
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Resistances

Oil Resistance:	Yes
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Notes

Protection Degree / IP Rating Note:	Protection Degree and IP Rating per test standard IEC 60529 using a Lumberg Automation mating product
Note Derating:	Notice derating

History

Update and Revision:	Revision Number: 0.44 Revision Date: 05-04-2025
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Variants

Item #	Item Description	Cable Length
900003042	0935 614 102/2M	2 m
910003042	0935 614 102/2M-Y	2 m
900002101	0935 614 102/5M	5 m
910002101	0935 614 102/5M-Y	5 m

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